What is claimed is:

1. A disk cartridge comprising:

a disk medium fixedly attached on a center core;

a casing, which has a spindle hole through which said center core is exposed to the exterior, and in which said disk medium is rotatably enclosed; and

a dust-removing liner fixed on an interior surface of said casing;

wherein said center core comprises

a large-diameter portion that has an outside diameter greater than the inside diameter of the spindle hole of said casing, a thickness greater than that of said dust-removing liner, and a disk surface on which said disk medium is fixedly attached.

2. The disk cartridge as set forth in claim 1, wherein said disk medium comprises a magnetic disk medium.

3. A disk cartridge comprising:

a disk medium fixedly attached on a center core;

a casing, which has a spindle hole through which said center core is exposed to the exterior, and in which said disk medium is rotatably enclosed; and

a dust-removing liner fixed on an interior surface of said casing;

wherein said center core comprises

a large-diameter portion that has an outside diameter greater than the inside diameter of the spindle hole of said casing, a thickness greater than that of said dust-removing liner,

and a disk surface on which said disk medium is fixedly attached; and

a small-diameter portion which has an outside diameter smaller than the inside diameter of the spindle hole of said casing, and which is formed on a side, opposite from said disk surface, of said large-diameter portion so that it is exposed to the exterior through the spindle hole of said casing.

4. The disk cartridge as set forth in claim 3, wherein said disk medium comprises a magnetic disk medium.

5. The disk cartridge as set forth in claim 3, wherein said dust-removing liner has a center hole, arranged approximately concentrically with the spindle hole of said casing, which has an insider diameter greater than the outside diameter of the large-diameter portion of said center core.